

SCANNER HAVING A LIGHT BEAM INCIDENT POSITION ADJUSTING DEVICE

CROSS-REFERENCE TO RELATED APPLICATION

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This application is a divisional of pending U.S. Patent Application No. 10/098,544, filed March 18, 2002, which is a divisional of U.S. Patent Application No. 09/271,455, filed March 18, 1999, now abandoned, the disclosures of which are expressly incorporated herein by reference in their entireties.

5 1. Field of the Invention

The present invention relates to a scanner in which a light beam is deflected to scan a scanning surface, and more specifically to a scanner which is provided with a device for adjusting an incident position of a light beam on a
10 photo-detector used for determining the timing of commencement of writing each scanning line with respect to a scanning surface.

2. Description of the Related Art

A laser-beam printer provided with a laser-beam scanner
15 is well known. In a laser-beam printer, a laser beam which is modulated in accordance with image signals to be output from a laser-beam emitter is deflected by a polygon mirror to scan a photoconductive surface of a photoconductive drum in the main scanning direction to thereby form a main
20 scanning line in the photoconductive surface. The laser emission is turned ON and OFF in accordance with given image signals to draw a corresponding image (charge-latent image) on the photoconductive surface of the drum, and subsequently this image drawn on the photoconductive surface of the drum
25 is transferred to plain paper according to a conventional